

1 What is claimed is:

2 1. A method of correcting a malalignment in an arthritic
3 joint of a body, such as a bow-legged deformity, comprising the
4 injection of at least a single dosage of a growth hormone in a
5 range of 0.025 milligrams to 0.249 milligrams per kilogram of
6 patient body weight dissolved in a buffer solution.

7 2. A method of increasing the space between the bone ends
8 of a patient's joint comprising the injection of at least a
9 single dosage of a growth hormone in a range of 0.025 milligrams
10 to 0.249 milligrams per kilogram of patient body weight
11 dissolved in a buffer solution.

12 3. A method of smoothing the surface of the bone ends of
13 a patient's joint comprising the injection of at least a single
14 dosage of a growth hormone in a range of 0.025 milligrams to
15 0.249 milligrams per kilogram of patient body weight dissolved
16 in a buffer solution.

17 4. An anti-inflammatory composition comprising a purified
18 growth hormone of between 0.025 milligrams to 0.249 milligrams
19 per kilo of a patient's body weight dissolved in a buffer
20 solution of between 1 to 10 milliliters.

21 5. An anti-inflammatory composition as recited in claim 4
22 further comprising a local anesthetic.

23 6. An anti-inflammatory composition as recited in claim 4
24 further comprising an anti-protease agent.

25 7. An anti-inflammatory composition as recited in claim 4

1 further comprising an anti-enzyme agent.

2 8. An anti-inflammatory composition comprising a purified
3 growth hormone of between 0.5 milligrams to 10.0 milligrams per
4 milliliter of a buffer solution.

5 9. An anti-inflammatory composition as recited in claim 8
6 further comprising a local anesthetic.

7 10. An anti-inflammatory composition as recited in claim
8 8 further comprising an anti-protease agent.

9 11. An anti-inflammatory composition as recited in claim
10 8 further comprising an anti-enzyme agent.

11 12. An analgesic composition comprising a purified growth
12 hormone of between 0.025 milligrams to 0.249 milligrams per kilo
13 of a patient's body weight dissolved in a buffer solution of
14 between 1 to 10 milliliters.

15 13. An analgesic composition as recited in claim 12
16 further comprising a local anesthetic.

17 14. An analgesic composition as recited in claim 13
18 wherein said local anesthetic comprises Lidocain in an amount of
19 generally between about 0.5 milliliter to 10 milliliters.

20 15. An analgesic composition as recited in claim 14
21 further comprising a local anesthetic agent.

22 16. An analgesic composition as recited in claim 14
23 further comprising an anti-protease agent.

24 17. An analgesic composition as recited in claim 14
25 further comprising an anti-enzyme agent.

1 18. An analgesic composition as recited in claim 12
2 further comprising an anti-protease agent.

3 19. An analgesic composition as recited in claim 12
4 further comprising an anti-enzyme agent.

5 20. An analgesic composition comprising a purified growth
6 hormone of between 0.5 milligrams to 10.0 milligrams per
7 milliliter of a buffer solution.